

### III. Economic activity and prices

#### 1. Output

##### a) Output in the production sector \* - general survey

2015 = 100

seasonally adjusted

Percentage weight <sup>1</sup>	of which:																	
	Total (R)		Construction industry (R)				of which:				Total excluding construction industry		of which:					
							Main construction industry (R)		Specialised construction activities				Energy		Industry			
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly				
	100.00		14.04				6.03				8.01		85.96		6.37		79.59	
2016 Sep.	101.9		104.9		103.2		106.1		101.4		100.6		101.5					
Oct.	102.3		105.3		104.2		106.2		101.8		98.5		102.1					
Nov.	102.2	101.7	105.4	105.3	103.5	104.8	106.8	105.7	101.7	101.1	99.9	98.7	101.8	101.3				
Dec.	100.6		105.2		106.7		104.1		99.8		97.8		100.0					
2017 Jan.	101.4		101.5		95.2		106.2		101.4		99.4		101.6					
Feb.	103.3	102.5	108.3	106.1	109.3	105.7	107.6	106.4	102.5	101.9	97.2	97.0	102.9	102.3				
Mar.	102.8		108.6		112.7		105.5		101.8		94.5		102.4					
Apr.	104.2		110.4		111.8		109.4		103.2		98.8		103.6					
May	104.7	104.5	109.6	109.6	111.0	110.9	108.5	108.7	103.9	103.7	101.8	100.6	104.1	104.0				
June	104.7		108.8		109.8		108.1		104.0		101.2		104.2					
July <sup>2</sup>	105.0		109.6		110.2		109.2		104.2		97.5		104.7					
Aug. <sup>2</sup>	106.9	106.0	109.4	109.5	111.7	110.7	107.6	108.5	106.5	105.4	100.3	98.7	107.0	105.9				
Sep.	106.0		109.4		110.3		108.7		105.4		98.2		106.0					
Oct.	104.7		109.5		109.7		109.3		103.9		99.3		104.3					
Nov.	107.9	106.7	109.8	109.8	111.9	110.3	108.3	109.5	107.6	106.2	99.1	99.4	108.3	106.8				
Dec.	107.6		110.2		109.3		110.8		107.2		99.7		107.8					
2018 Jan.	<sup>3</sup> 106.7		<sup>3</sup> 109.8		<sup>3</sup> 119.1		102.8		106.2		95.1		107.1					
Feb.	105.1	106.0	104.8	106.8	107.3	112.3	103.0	102.6	105.1	105.8	99.5	98.0	105.5	106.4				
Mar.	106.1		105.8		110.6		102.1		106.2		99.5		106.7					
Apr.	105.7		107.5		116.7		100.6		105.4		96.4		106.1					
May	107.8	107.0	111.4	109.1	121.8	118.7	103.6	101.8	107.2	106.6	97.4	97.6	108.0	107.3				
June	107.4		108.3		117.5		101.3		107.2		99.0		107.9					
July <sup>2</sup>	105.8		109.8		118.7		103.0		105.2		99.8		105.6					
Aug. <sup>2</sup>	106.1	105.9	109.2	110.1	118.2	119.5	102.4	102.9	105.6	105.3	102.3	99.7	105.9	105.7				
Sep.	105.9		111.2		121.6		103.3		105.0		97.0		105.6					
Oct.	105.4		110.0		120.4		102.1		104.6		94.0		105.4					
Nov.	103.7	104.8	109.2	110.5	119.2	119.7	101.7	103.6	102.8	103.8	94.0	94.7	103.5	104.5				
Dec.	105.3		112.4		119.6		106.9		104.1		96.0		104.7					
2019 Jan.	104.0		109.8		116.8		104.6		103.1		97.5		103.5					
Feb.	104.8	104.7	114.8	112.9	127.2	123.3	105.4	105.0	103.2	103.4	94.5	95.1	103.9	104.0				
Mar.	105.2		114.1		126.0		105.1		103.8		93.2		104.7					
Apr.	102.9		113.7		124.7		105.4		101.1		91.3		101.9					
May	103.4	102.9	111.7	112.5	122.8	124.7	103.4	103.4	102.0	101.3	90.4	89.6	102.9	102.2				
June	102.4		112.2		126.5		101.4		100.8		87.0		101.9					
July <sup>2</sup>	102.2		113.5		125.1		104.7		100.3		87.0		101.4					
Aug. <sup>2</sup>	102.3	102.0	112.6	113.2	124.6	125.4	103.6	104.0	100.6	100.2	86.6	86.8	101.7	101.2				
Sep.	101.6		113.5		126.4		103.8		99.6		86.8		100.6					
Oct.	100.4		111.6		125.2		101.4		98.6		88.5		99.4					
Nov.	101.2	100.4	113.5	112.6	127.5	126.1	103.0	102.4	99.2	98.4	90.2	89.3	99.9	99.2				
Dec.	99.6		112.6		125.5		102.8		97.5		89.3		98.2					
2020 Jan.	102.6		119.4		137.0		106.1		99.8		89.2		100.6					
Feb.	103.5	100.2	117.7	118.4	132.5	132.8	106.6	107.5	101.2	97.2	89.5	87.5	102.1	97.9				
Mar.	94.4		118.1		129.0		109.8		90.5		83.7		91.0					
Apr.	77.1		113.3		128.5		101.8		71.2		75.5		70.9					
May	83.9	84.3	113.8	114.4	130.1	129.5	101.5	103.1	79.0	79.3	76.8	78.2	79.2	79.5				
June	91.8		116.2		129.8		106.0		87.8		82.2		88.3					
July	92.4		111.6		128.9		98.6		89.3		81.0		90.0					
Aug.	92.8	93.2	112.8	112.7	128.8	129.2	100.8	100.4	89.5	90.1	87.0	84.4	89.7	90.5				
Sep.	94.5		113.8		129.8		101.7		91.4		85.2		91.9					
Oct.	97.4		114.7		129.2		103.7		94.6		88.0		95.1					
Nov.	98.6	98.9	117.1	118.8	132.3	129.7	105.7	110.5	95.6	95.7	87.0	86.9	96.3	96.4				
Dec.	100.7		124.5		127.7		122.0		96.8		85.8		97.7					
2021 Jan.	98.7		111.1		125.4		100.3		96.7		86.7		97.5					
Feb.	96.9	98.1	110.5	113.7	122.2	129.3	101.6	102.0	94.7	95.6	84.4	85.3	95.5	96.4				
Mar.	98.8		119.6		140.3		104.0		95.4		84.8		96.3					
Apr. <sup>r</sup>	98.5		116.9		133.5		104.3		95.5		89.6		96.0					
May <sup>r</sup>	97.9	97.8	118.1	116.7	132.5	132.8	107.2	104.6	94.6	94.7	87.0	87.4	95.2	95.3				
June <sup>r</sup>	97.1		115.2		132.4		102.3		94.1		85.6		94.8					
July <sup>2,o</sup>	98.1		115.8		132.3		103.4		95.2		82.9		96.2					
Aug. <sup>2,o</sup>	94.7	95.5	112.8	114.2	127.9	131.3	101.4	101.3	91.7	92.4	86.3	85.5	92.1	93.0				
Sep. <sup>o,p</sup>	93.7		114.0		133.7		99.1		90.4		87.2		90.7					

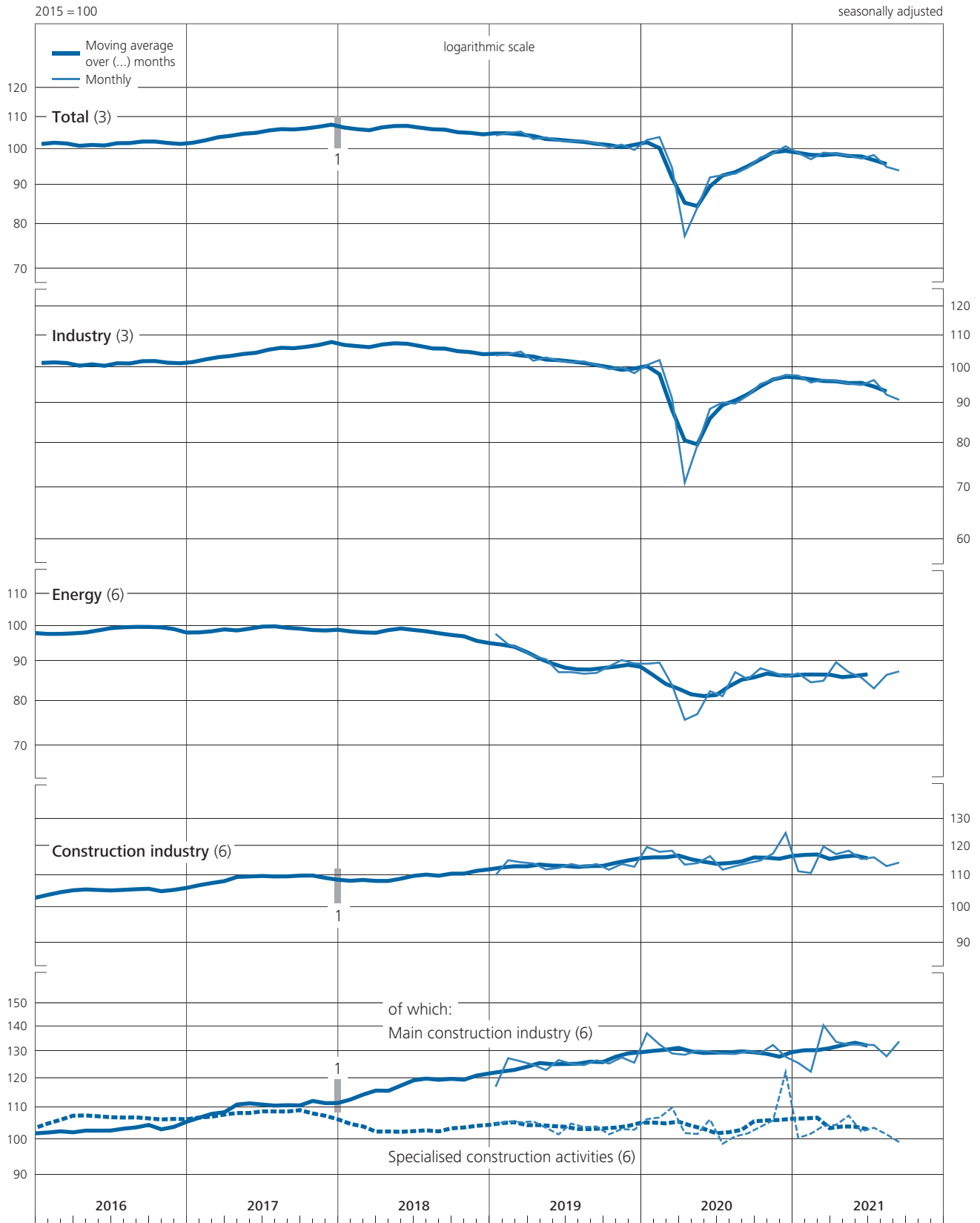
Source of the unadjusted figures: Federal Statistical Office. \* See explanatory notes, section on classifications. <sup>1</sup> Share of gross value added at factor costs of the production sector in base year 2015. <sup>2</sup> Influenced by a change in holiday dates. <sup>3</sup> As of January 2018 weights in structural and civil engineering work corrected by the Federal

Statistical Office. <sup>o</sup> Preliminary; pre-adjusted by the Federal Statistical Office on the basis of estimations to the results of the quarterly production statistics and the quarterly survey in the specialised construction industry, respectively.

### III. Economic activity and prices

#### 1. Output

##### a) Output in the production sector – general survey



1 As of January 2018 weights in structural and civil engineering work corrected by the Federal Statistical Office.

### III. Economic activity and prices

#### 1. Output

#### b) Output in industry, \* by main grouping

2015 = 100

seasonally adjusted

Percentage weight <sup>1</sup>	Intermediate goods		Capital goods		Consumer goods		of which:			
							Durable consumer goods		Non-durable consumer goods	
	29.45		36.98		13.16		2.27		10.89	
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2016 June	100.8		102.4		101.8		105.8		101.0	
July <sup>2</sup>	100.0		99.7		100.7		101.9		100.4	
Aug. <sup>2</sup>	101.1	100.8	102.0	101.1	101.9	101.3	103.7	102.4	101.5	101.1
Sep.	101.3		101.6		101.4		101.6		101.3	
Oct.	100.7		103.5		101.4		104.0		100.9	
Nov.	101.3	101.0	102.0	101.6	102.1	101.2	102.2	103.4	102.1	100.8
Dec.	101.0		99.2		100.1		104.1		99.3	
2017 Jan.	101.4		102.1		100.7		104.9		99.8	
Feb.	102.5	102.0	103.3	102.7	102.8	101.9	105.1	104.7	102.3	101.3
Mar.	102.2		102.7		102.3		104.1		101.9	
Apr.	104.5		103.3		102.5		108.1		101.3	
May	103.9	104.3	104.5	104.0	103.6	103.2	108.6	107.8	102.6	102.3
June	104.4		104.2		103.6		106.7		103.0	
July <sup>2</sup>	105.7		104.0		104.7		107.5		104.1	
Aug. <sup>2</sup>	106.5	106.2	108.1	106.0	104.9	104.8	110.6	108.6	103.7	104.0
Sep.	106.4		106.0		104.9		107.6		104.3	
Oct.	105.1		104.2		102.5		106.4		101.7	
Nov.	108.0	107.3	109.2	107.1	106.5	104.7	107.0	106.5	106.4	104.3
Dec.	108.8		107.9		105.1		106.1		104.9	
2018 Jan.	106.1		107.9		106.9		108.0		106.7	
Feb.	105.8	105.6	104.9	107.0	106.3	106.6	106.2	107.4	106.3	106.4
Mar.	104.9		108.3		106.5		108.0		106.2	
Apr.	105.1		107.3		105.1		105.9		104.9	
May	107.5	106.6	107.3	107.4	110.8	108.6	107.8	107.6	111.4	108.7
June	107.2		107.7		109.8		109.1		109.9	
July <sup>2</sup>	105.8		104.3		108.5		104.7		109.3	
Aug. <sup>2</sup>	105.7	105.5	104.4	104.4	110.3	109.5	106.2	106.2	111.2	110.2
Sep.	105.1		104.5		109.6		107.7		110.0	
Oct.	104.6		106.4		104.3		104.9		104.2	
Nov.	103.8	104.4	103.9	105.4	102.0	102.6	101.8	103.4	102.0	102.4
Dec.	104.7		105.8		101.5		103.5		101.1	
2019 Jan.	104.5		102.7		103.8		106.5		103.2	
Feb.	104.1	104.3	104.3	104.1	102.4	103.1	105.9	106.9	101.7	102.3
Mar.	104.4		105.4		103.2		108.4		102.1	
Apr.	103.1		100.7		102.5		103.7		102.2	
May	102.8	102.5	103.0	102.0	102.7	102.1	106.6	105.3	101.9	101.5
June	101.6		102.4		101.2		105.7		100.3	
July <sup>2</sup>	101.3		101.3		101.8		106.4		100.9	
Aug. <sup>2</sup>	101.1	100.9	102.4	101.5	101.0	101.0	106.5	106.5	99.8	99.9
Sep.	100.4		100.8		100.2		106.5		98.9	
Oct.	100.5		97.8		101.6		106.5		100.6	
Nov.	99.8	99.5	99.2	98.2	101.9	101.2	105.5	105.9	101.1	100.3
Dec.	98.1		97.6		100.2		105.7		99.1	
2020 Jan.	101.9		98.9		102.5		104.4		102.1	
Feb.	104.2	100.9	99.5	94.2	104.9	101.7	104.5	100.7	105.0	101.9
Mar.	96.5		84.2		97.7		93.2		98.6	
Apr.	82.5		55.4		88.6		72.7		91.9	
May	83.8	84.9	71.3	70.5	91.0	92.4	89.3	86.2	91.3	93.6
June	88.4		84.9		97.5		96.6		97.7	
July	91.3		86.4		97.3		99.2		96.9	
Aug.	93.6	93.5	84.4	85.8	96.0	97.3	101.4	100.0	94.9	96.8
Sep.	95.5		86.5		98.7		99.4		98.5	
Oct.	98.3		91.8		97.4		101.6		96.5	
Nov.	100.7	100.8	92.6	92.4	97.1	97.9	103.7	103.3	95.7	96.7
Dec.	103.4		92.7		99.1		104.6		98.0	
2021 Jan.	103.4		92.9		97.0		100.8		96.2	
Feb.	102.4	102.9	89.5	90.6	97.2	98.1	100.2	99.6	96.6	97.8
Mar.	103.0		89.5		100.1		97.9		100.5	
Apr. <sup>r</sup>	103.8		89.7		96.2		105.4		94.3	
May <sup>r</sup>	104.4	104.0	86.6	87.0	98.9	99.3	104.9	105.5	97.7	98.1
June <sup>r</sup>	103.8		84.8		102.9		106.3		102.2	
July <sup>2,o</sup>	103.0		88.0		104.1		110.2		102.8	
Aug. <sup>2,o</sup>	100.4	100.9	82.1	83.3	101.6	102.5	102.7	104.5	101.4	102.1
Sep. <sup>o,p</sup>	99.3		79.8		101.8		100.6		102.0	

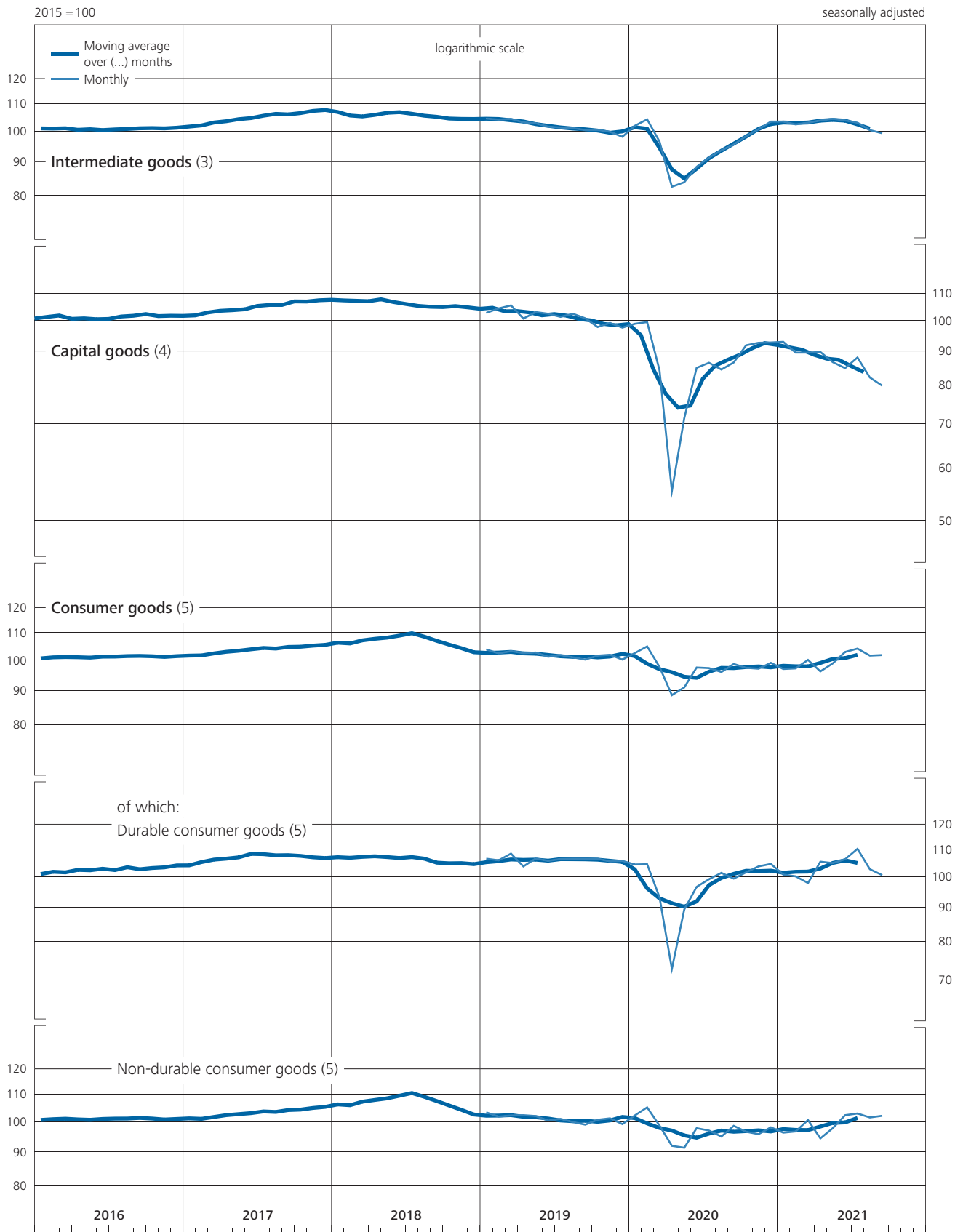
Source of the unadjusted figures: Federal Statistical Office. \* See explanatory notes, section on classifications. <sup>1</sup> Share of gross value added at factor costs of the production sector in base year 2015. <sup>2</sup> Influenced by a change in holiday dates. <sup>o</sup> Preliminary;

pre-adjusted by the Federal Statistical Office on the basis of estimations to the results of the quarterly production statistics.

### III. Economic activity and prices

#### 1. Output

#### b) Output in industry, by main grouping



### III. Economic activity and prices

#### 1. Output

##### c) Output in selected branches of industry

2015 = 100

seasonally adjusted

Percentage weight <sup>1</sup>	Manufacture of food products, beverages and tobacco products		Manufacture of chemicals, chemical products, basic pharmaceutical products and pharmaceutical preparations		Manufacture of basic metals and fabricated metal products, except machinery and equipment		Manufacture of computer, electronic, optical products and of electrical equipment		Manufacture of machinery and equipment n.e.c		Manufacture of motor vehicles, trailers and semi-trailers	
	5.98		8.29		10.31		9.95		12.73		14.16	
	10,11 and 12		20 and 21		24 and 25		26 and 27		28		29	
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2016 Aug. <sup>3</sup>	100.7	100.9	102.3	101.4	101.6	100.9	101.2	101.4	100.5	99.4	105.5	103.0
Sep.	101.9		102.2		101.6		102.5		100.3		101.7	
Oct.	100.9		99.8		102.0		102.4		99.3		104.9	
Nov.	101.6	100.6	100.5	100.5	103.8	102.2	102.3	102.4	102.9	100.2	99.0	100.4
Dec.	99.3		101.1		100.9		102.4		98.5		97.3	
2017 Jan.	96.3		101.2		102.6		103.3		100.8		104.4	
Feb.	101.8	99.8	101.3	101.6	103.8	103.5	103.2	103.4	103.3	101.6	102.3	102.9
Mar.	101.2		102.2		104.0		103.6		100.7		102.0	
Apr.	103.1		101.8		104.9		106.7		102.4		104.2	
May	102.5	103.1	100.1	101.2	106.3	105.6	106.1	106.3	103.7	103.0	104.5	104.1
June	103.6		101.6		105.5		106.1		103.0		103.7	
July <sup>3</sup>	103.6		103.7		106.4		108.8		103.1		103.4	
Aug. <sup>3</sup>	101.9	103.1	105.8	105.5	107.9	107.4	108.2	108.3	103.9	104.2	115.7	108.5
Sep.	103.8		107.0		108.0		107.9		105.7		106.4	
Oct.	102.1		103.5		107.3		106.1		102.9		101.9	
Nov.	104.5	103.1	109.0	107.2	108.8	108.5	110.2	110.0	108.1	107.1	110.4	106.2
Dec.	102.7		109.0		109.5		113.8		110.3		106.2	
2018 Jan.	103.0		107.7		107.1		109.2		106.4		109.5	
Feb.	102.9	102.3	106.6	107.0	107.6	107.1	108.2	108.9	105.4	106.2	101.6	106.9
Mar.	101.1		106.7		106.5		109.3		106.8		109.5	
Apr.	101.0		105.9		107.3		107.3		105.4		109.1	
May	104.7	102.5	113.1	110.3	108.9	108.2	109.5	109.0	106.5	106.0	107.8	108.6
June	101.9		111.9		108.3		110.2		106.1		109.0	
July <sup>3</sup>	100.7		113.3		107.1		108.9		106.3		100.0	
Aug. <sup>3</sup>	102.7	101.5	112.8	112.4	108.6	107.7	109.6	109.3	107.9	106.7	97.6	99.0
Sep.	101.0		111.0		107.3		109.3		106.0		99.5	
Oct.	101.6		102.1		107.5		109.1		108.9		98.3	
Nov.	102.6	101.8	98.8	100.7	106.0	106.6	107.6	108.7	105.6	107.2	97.2	99.5
Dec.	101.3		101.3		106.3		109.4		107.0		103.1	
2019 Jan.	103.2		102.0		106.9		107.8		106.0		94.6	
Feb.	103.9	103.3	100.8	101.1	105.8	106.4	106.3	108.1	105.8	106.1	96.4	96.1
Mar.	102.7		100.5		106.6		110.2		106.5		97.2	
Apr.	106.6		99.4		104.3		106.5		104.5		90.2	
May	100.8	102.7	101.6	100.5	103.5	103.6	107.6	106.9	104.3	103.8	96.4	93.9
June	100.8		100.4		102.9		106.5		102.7		95.0	
July <sup>3</sup>	102.1		100.2		102.5		105.9		104.6		90.5	
Aug. <sup>3</sup>	102.8	102.3	97.7	98.0	102.6	102.5	107.0	106.6	103.7	103.7	93.4	91.7
Sep.	102.0		96.0		102.3		107.0		102.9		91.3	
Oct.	101.8		101.4		100.2		105.5		100.6		84.8	
Nov.	102.9	102.2	99.8	99.2	99.4	98.8	104.1	104.1	101.0	100.5	88.3	86.0
Dec.	101.8		96.5		96.8		102.8		99.9		85.0	
2020 Jan.	103.8		100.8		100.6		106.5		99.6		89.1	
Feb.	103.2	103.4	107.6	103.1	101.5	98.4	106.6	104.1	98.8	96.8	89.4	79.4
Mar.	103.2		100.9		93.0		99.3		92.1		59.6	
Apr.	94.7		97.7		72.7		86.8		73.5		14.3	
May	92.9	96.6	93.2	95.1	77.2	77.8	89.7	90.0	81.2	81.8	45.6	43.4
June	102.1		94.3		83.5		93.5		90.7		70.4	
July <sup>3</sup>	99.3		97.1		84.9		94.9		87.9		75.7	
Aug. <sup>3</sup>	99.7	99.7	94.7	97.4	90.5	89.5	97.2	96.4	87.2	88.2	69.7	73.5
Sep.	100.2		100.4		93.1		97.0		89.4		75.1	
Oct.	99.4		100.7		95.1		101.5		90.5		80.9	
Nov.	95.6	98.1	102.4	102.8	97.5	97.2	104.1	103.5	91.8	91.3	83.3	82.5
Dec.	99.3		105.3		99.0		105.0		91.6		83.4	
2021 Jan.	96.6		104.2		99.4		107.1		98.8		78.0	
Feb.	96.9	98.7	103.0	104.0	99.3	99.3	108.2	107.5	95.5	96.4	72.0	74.0
Mar.	102.6		104.7		99.2		107.1		95.0		71.9	
Apr. <sup>r</sup>	94.5		103.0		100.3		110.7		99.0		69.4	
May <sup>r</sup>	96.7	98.5	107.1	104.6	99.4	99.8	110.2	110.4	97.3	96.2	64.1	65.6
June <sup>r</sup>	104.3		103.8		99.7		110.3		92.3		63.2	
July <sup>3,o</sup>	104.4		104.1		98.6		111.3		99.7		64.4	
Aug. <sup>3,o</sup>	103.0	103.6	104.6	105.4	95.4	96.6	109.8	108.9	95.6	95.9	52.2	56.6
Sep. <sup>o,p</sup>	103.3		107.6		95.7		105.7		92.4		53.3	

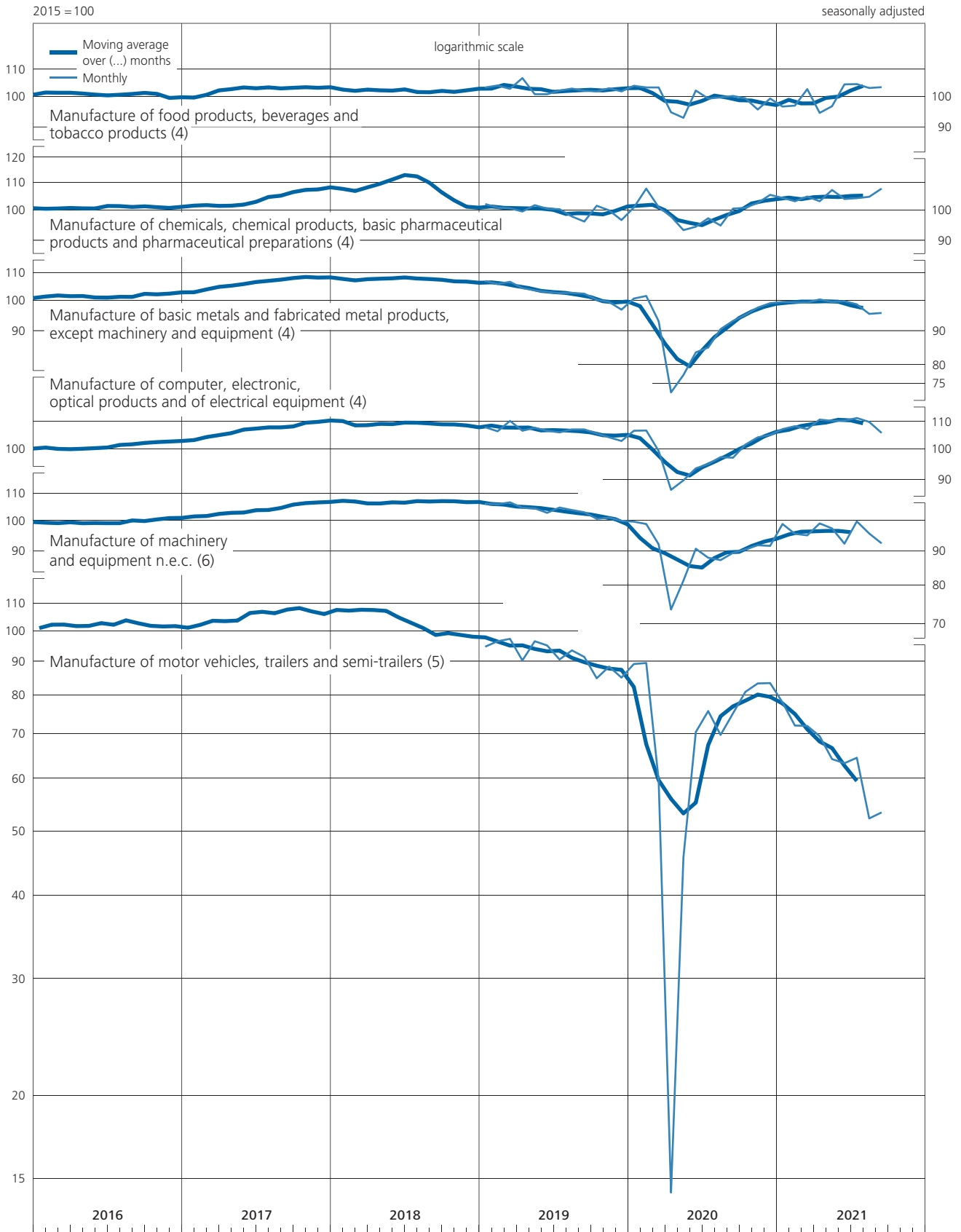
Source of the unadjusted figures: Federal Statistical Office. <sup>1</sup> Share of gross value added at factor costs of the production sector in base year 2015. <sup>2</sup> Classification of Economic Activities, 2008 edition. <sup>3</sup> Influenced by a change in holiday dates. <sup>o</sup> Preliminary;

pre-adjusted by the Federal Statistical Office on the basis of estimations to the results of the quarterly production statistics.

### III. Economic activity and prices

#### 1. Output

##### c) Output in selected branches of industry



### III. Economic activity and prices

#### 1. Output

#### d) Productivity and labour costs in industry \*

2015 = 100

seasonally adjusted

Period	Output				Wages and salaries <sup>1</sup>							
	Per employed person		Per man-hour worked		Per employed person		Per man-hour worked		Per unit of output		Per unit of turnover	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2016 Mar.	99.9		100.6		101.3		102.1		101.5		102.9	
Apr.	100.6		100.2		102.1		101.7		101.4		103.7	
May	98.8	100.1	101.4	100.6	100.6	101.6	103.2	102.1	101.8	101.5	102.2	103.3
June	100.9		100.3		102.1		101.5		101.2		103.9	
July <sup>2</sup>	99.3		99.6		101.6		102.0		102.4		104.1	
Aug. <sup>2</sup>	100.9	100.3	101.7	101.0	102.2	102.0	102.9	102.8	101.3	101.8	102.9	103.3
Sep.	100.6		101.7		102.3		103.4		101.6		102.8	
Oct.	101.1		101.2		101.6		101.7		100.5		101.2	
Nov.	100.8	100.3	101.5	101.0	102.7	102.5	103.4	103.3	101.9	102.2	101.9	102.5
Dec.	98.9		100.4		103.1		104.7		104.2		104.4	
2017 Jan.	100.4		101.9		103.0		104.5		102.6		102.7	
Feb.	101.5	100.9	101.7	101.6	103.2	103.6	103.3	104.3	101.6	102.6	100.7	102.0
Mar.	100.8		101.3		104.5		105.0		103.7		102.5	
Apr.	101.7		102.4		104.6		105.4		102.9		101.4	
May	102.0	101.9	101.7	102.5	102.3	103.6	102.0	104.2	100.3	101.7	99.1	100.4
June	102.0		103.3		104.0		105.3		101.9		100.6	
July <sup>2</sup>	102.4		102.7		103.6		103.9		101.2		100.2	
Aug. <sup>2</sup>	104.4	103.3	104.0	103.5	104.1	103.8	103.7	104.0	99.7	100.5	98.6	99.2
Sep.	103.2		103.8		103.8		104.4		100.6		98.9	
Oct.	101.4		102.6		104.0		105.3		102.6		100.5	
Nov.	105.1	103.6	105.9	104.7	105.0	104.5	105.8	105.6	99.9	100.9	97.8	98.8
Dec.	104.4		105.5		104.5		105.7		100.2		98.2	
2018 Jan.	103.4		103.9		105.6		106.1		102.1		100.4	
Feb.	101.6	102.5	103.1	103.8	104.6	105.7	106.2	107.1	103.0	103.2	101.4	101.6
Mar.	102.4		104.3		107.0		109.0		104.5		102.9	
Apr.	101.6		103.1		107.6		109.1		105.9		103.6	
May	103.2	102.6	104.7	103.8	107.0	107.0	108.5	108.2	103.6	104.3	101.8	102.3
June	102.9		103.5		106.3		106.9		103.3		101.4	
July <sup>2</sup>	100.5		102.3		106.4		108.3		105.9		103.1	
Aug. <sup>2</sup>	100.5	100.4	101.3	101.5	106.8	106.3	107.7	107.5	106.3	105.9	103.3	103.3
Sep.	100.1		101.0		105.7		106.5		105.5		103.6	
Oct.	99.8		100.9		107.0		108.2		107.2		104.1	
Nov.	97.7	98.8	100.3	100.3	107.2	106.8	110.0	108.4	109.7	108.1	106.2	104.4
Dec.	98.8		99.7		106.1		107.0		107.3		102.8	
2019 Jan.	97.6		99.1		107.4		109.0		110.0		103.5	
Feb.	98.0	98.1	100.0	99.7	107.7	107.7	109.9	109.5	109.9	109.8	104.8	104.3
Mar.	98.7		100.0		108.0		109.5		109.4		104.6	
Apr.	96.0		98.9		108.0		111.2		112.5		105.4	
May	97.1	96.4	99.4	99.2	107.9	107.9	110.5	111.0	111.1	111.9	106.1	105.9
June	96.1		99.3		107.7		111.3		112.1		106.3	
July <sup>2</sup>	95.7		99.4		113.4		117.7		118.4		112.4	
Aug. <sup>2</sup>	96.2	95.7	98.0	98.5	108.5	110.0	110.6	113.2	112.8	114.9	106.8	108.7
Sep.	95.2		98.2		108.0		111.3		113.4		107.0	
Oct.	94.2		97.8		107.6		111.8		114.3		106.9	
Nov.	94.7	94.0	97.8	97.3	106.7	107.1	110.1	110.8	112.6	113.9	106.1	106.5
Dec.	93.2		96.4		106.9		110.6		114.7		106.5	
2020 Jan.	95.7		98.7		108.0		111.4		112.8		105.6	
Feb.	97.2	93.3	99.5	97.7	108.4	107.9	110.9	113.1	111.5	115.9	105.5	109.1
Mar.	87.0		94.8		107.4		117.1		123.5		116.2	
Apr.	68.1		84.0		95.7		118.0		140.6		136.6	
May	76.4	76.6	89.0	89.6	99.3	98.9	115.7	116.0	130.0	129.9	127.4	126.1
June	85.4		95.9		101.6		114.2		119.0		114.4	
July	87.3		96.2		106.0		116.8		121.4		113.1	
Aug.	87.5	88.2	94.8	95.8	105.3	105.9	114.0	115.1	120.3	120.1	112.0	111.9
Sep.	89.7		96.5		106.5		114.5		118.7		110.6	
Oct.	92.9		99.0		106.5		113.5		114.6		106.9	
Nov.	94.0	94.1	99.8	100.0	106.4	107.3	113.0	114.0	113.2	114.0	105.6	106.4
Dec.	95.4		101.1		108.9		115.5		114.2		106.6	
2021 Jan.	95.3		99.4		108.5		113.1		113.8		106.7	
Feb.	93.7	94.5	97.5	98.6	108.2	109.0	112.6	113.7	115.5	115.3	107.7	106.6
Mar.	94.6		98.8		110.4		115.3		116.7		105.4	
Apr.	r 94.4		r 97.6		105.0		108.6		r 111.2		102.1	
May	r 93.5	93.7	r 98.5	97.7	105.8	107.7	111.5	112.4	r 113.1	115.0	102.5	104.6
June	r 93.1		r 96.9		112.4		117.0		r 120.7		109.3	
July <sup>2</sup>	o 94.6		o 98.8		109.2		114.0		o 115.4		103.0	
Aug. <sup>2</sup>	o 90.9	91.7	o 97.5	97.3	110.9	109.9	118.9	116.6	o 122.0	119.9	109.8	107.1
Sep.	o,p 89.5		o,p 95.5		109.5		116.9		o,p 122.4		p 108.5	

Source of the unadjusted figures: Bundesbank calculations based on data from the Federal Statistical Office. \* As well as mining of coal and lignite, extraction of crude petroleum and natural gas, manufacture of coke and refined petroleum products.

<sup>1</sup> Excluding employers' compulsory social security contributions. <sup>2</sup> Influenced by a change in holiday dates. o Preliminary; output pre-adjusted by the Federal Statistical Office on the basis of estimations to the results of the quarterly production statistics.

III. Economic activity and prices

1. Output

d) Productivity and labour costs in industry\*



\* As well as mining of coal and lignite, extraction of crude petroleum and natural gas, manufacture of coke and refined petroleum products.



### III. Economic activity and prices

#### 1. Output

##### e) Employment, labour costs and turnover in the main construction industry \*

seasonally adjusted

Period	Breakdown by type of construction:													
	Employed persons <sup>1</sup>		Man-hours worked <sup>2</sup> (R)		Wages and salaries <sup>3</sup>		Turnover <sup>4</sup>		Residential construction		Industrial construction		Public sector construction and road construction	
	Thousands		Millions		€ billion									
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2016 Sep.	425		42.5		1.30		6.04		1.45		2.48		2.12	
Oct.	424		42.8		1.30		5.94		1.34		2.50		2.10	
Nov.	426	425	42.5	128.9	1.29	3.91	5.91	18.36	1.34	4.16	2.48	7.70	2.09	6.50
Dec.	427		43.6		1.32		6.51		1.48		2.72		2.31	
2017 Jan.	437		39.0		1.31		5.73		1.25		2.44		2.03	
Feb.	438	437	45.1	130.4	1.36	4.05	6.14	18.23	1.43	4.18	2.59	7.66	2.13	6.39
Mar.	442		46.3		1.38		6.36		1.50		2.63		2.23	
Apr.	444		45.9		1.39		6.42		1.54		2.66		2.22	
May	445	445	45.6	136.6	1.40	4.16	6.41	19.35	1.55	4.66	2.67	8.06	2.20	6.65
June	446		45.1		1.37		6.52		1.57		2.73		2.23	
July	447		45.3		1.39		6.57		1.53		2.82		2.21	
Aug.	449	448	45.7	136.1	1.40	4.19	6.51	19.51	1.54	4.63	2.75	8.24	2.21	6.62
Sep.	449		45.1		1.40		6.43		1.56		2.67		2.20	
Oct.	449		44.8		1.40		6.39		1.53		2.67		2.20	
Nov.	450	450	45.7	135.1	1.40	4.21	6.61	19.59	1.68	4.78	2.69	8.11	2.25	6.71
Dec.	453		44.6		1.41		6.59		1.57		2.75		2.26	
2018 Jan.	457		47.5		1.48		6.77		1.73		2.83		2.21	
Feb.	459	457	43.1	134.5	1.42	4.32	6.78	19.85	1.65	4.89	2.87	8.38	2.26	6.58
Mar.	461		43.9		1.42		6.30		1.51		2.68		2.11	
Apr.	463		46.6		1.49		6.79		1.61		2.88		2.29	
May	465	464	48.6	142.0	1.51	4.51	7.08	20.93	1.68	4.94	3.02	8.89	2.38	7.09
June	468		46.8		1.51		7.06		1.65		2.99		2.42	
July	469		47.3		1.53		7.25		1.78		3.03		2.45	
Aug.	471	470	47.0	142.6	1.52	4.59	7.23	21.74	1.72	5.21	3.05	9.16	2.46	7.38
Sep.	472		48.3		1.54		7.26		1.71		3.08		2.47	
Oct.	474		47.9		1.54		7.34		1.76		3.07		2.51	
Nov.	476	475	47.3	142.5	1.58	4.68	7.42	22.08	1.73	5.23	3.19	9.34	2.49	7.50
Dec.	477		47.3		1.56		7.32		1.74		3.08		2.50	
2019 Jan.	481		46.3		1.59		7.42		1.71		3.17		2.54	
Feb.	483	482	50.5	146.7	1.64	4.84	7.76	23.10	1.88	5.48	3.20	9.71	2.68	7.90
Mar.	485		49.9		1.61		7.92		1.89		3.34		2.68	
Apr.	487		49.3		1.63		7.80		1.94		3.28		2.59	
May	488	487	48.3	147.2	1.61	4.93	7.63	23.09	1.84	5.65	3.20	9.67	2.59	7.78
June	489		49.6		1.69		7.66		1.87		3.19		2.60	
July	491		49.1		1.63		7.64		1.82		3.22		2.59	
Aug.	492	491	48.8	147.3	1.63	4.89	7.64	23.05	1.85	5.55	3.19	9.72	2.61	7.78
Sep.	494		49.4		1.63		7.77		1.88		3.31		2.58	
Oct.	496		48.9		1.64		7.62		1.82		3.24		2.55	
Nov.	497	496	49.8	147.5	1.69	5.00	7.73	23.15	1.86	5.66	3.25	9.70	2.62	7.78
Dec.	499		48.8		1.67		7.80		1.98		3.21		2.61	
2020 Jan.	503		53.3		1.75		8.55		2.13		3.45		2.97	
Feb.	505	503	51.6	155.3	1.74	5.19	8.75	25.80	2.10	6.29	3.55	10.52	3.10	8.99
Mar.	505		50.4		1.70		8.50		2.06		3.52		2.92	
Apr.	504		50.4		1.68		8.06		1.90		3.36		2.81	
May	505	505	50.9	152.1	1.68	5.05	8.04	24.22	1.90	5.75	3.37	10.14	2.77	8.34
June	507		50.8		1.69		8.12		1.95		3.41		2.76	
July	508		50.2		1.71		7.59		1.93		3.13		2.53	
Aug.	509	509	50.1	151.0	1.72	5.16	7.71	23.11	1.95	5.85	3.18	9.52	2.58	7.73
Sep.	511		50.7		1.73		7.81		1.97		3.21		2.62	
Oct.	512		50.2		1.74		7.84		1.99		3.22		2.64	
Nov.	514	513	51.5	151.4	1.76	5.25	8.13	25.35	2.10	6.86	3.29	10.29	2.74	8.20
Dec.	515		49.7		1.75		9.38		2.77		3.78		2.82	
2021 Jan.	515		48.7		1.76		7.78		1.69		3.40		2.69	
Feb.	517	516	46.8	150.0	1.71	5.30	7.35	23.15	1.77	5.46	3.05	9.70	2.52	7.98
Mar.	517		54.5		1.83		8.02		2.00		3.25		2.77	
Apr.	521		51.9		1.81		8.23		1.98		3.47		2.77	
May	522	520	51.5	154.9	1.80	5.39	8.07	24.35	2.07	6.11	3.39	10.25	2.61	7.98
June	521		51.5		1.78		8.05		2.06		3.39		2.60	
July	521		51.3		1.80		8.16		2.12		3.41		2.64	
Aug.	522	522	49.6	152.2	1.81	5.42	8.03	24.41	2.08	6.36	3.28	10.16	2.67	7.90
Sep.	522		51.3		1.81		8.22		2.16		3.47		2.59	

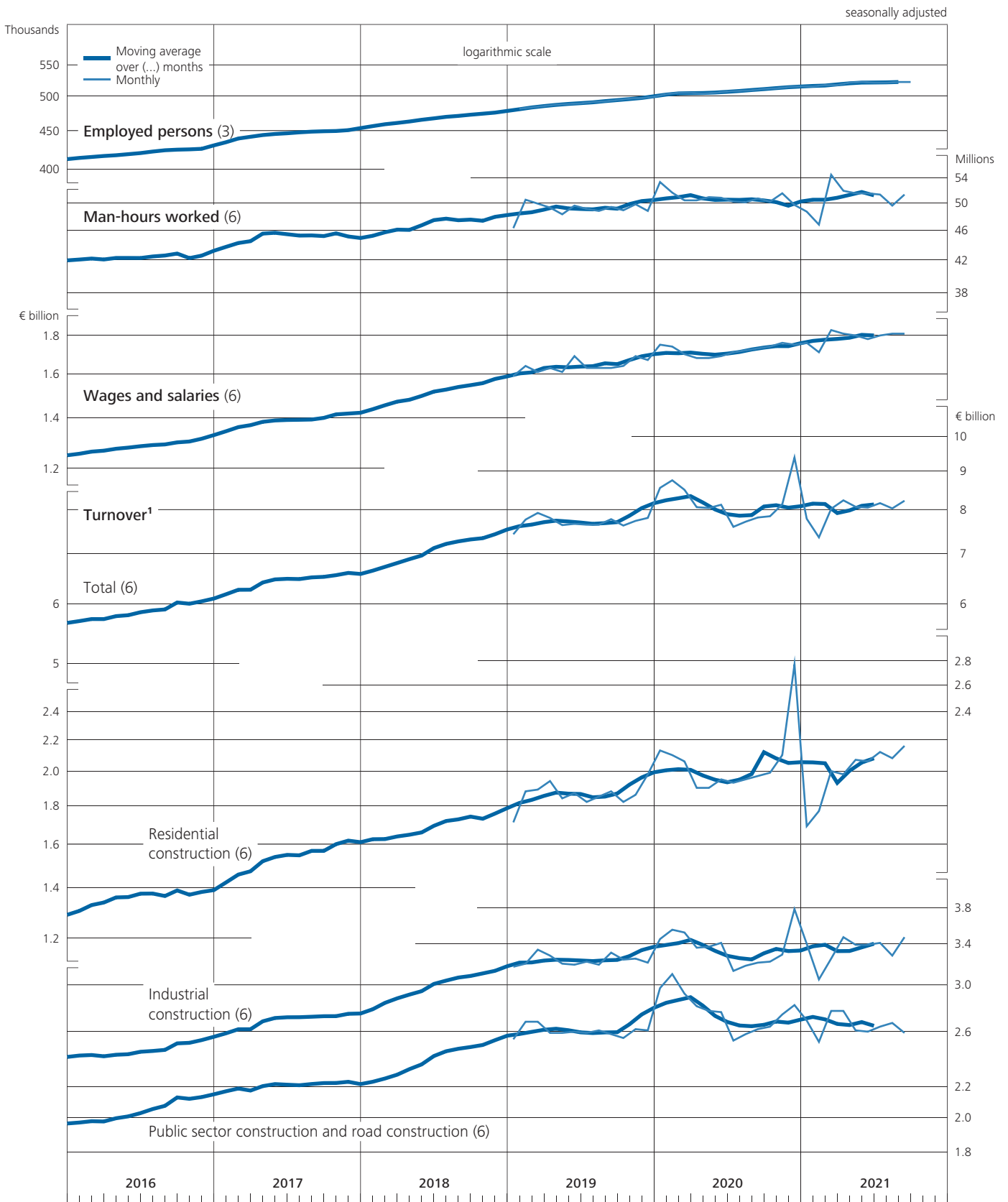
Source of the unadjusted figures: Federal Statistical Office. \* See explanatory notes, section on classifications; based on reports from local units with at least 20 employed persons. <sup>1</sup> Monthly figures: end of month; quarterly figures: averages; including working proprietors, co-proprietors and unpaid family workers. <sup>2</sup> Man-hours actually

worked on building sites and in contractors' yards. <sup>3</sup> Excluding employers' contributions to social security funds, winter construction levy, early retirement pensions paid and short-time working benefits. <sup>4</sup> Excluding value added tax.

### III. Economic activity and prices

#### 1. Output

#### e) Employment, labour costs and turnover in the main construction industry



<sup>1</sup> Excluding value added tax.